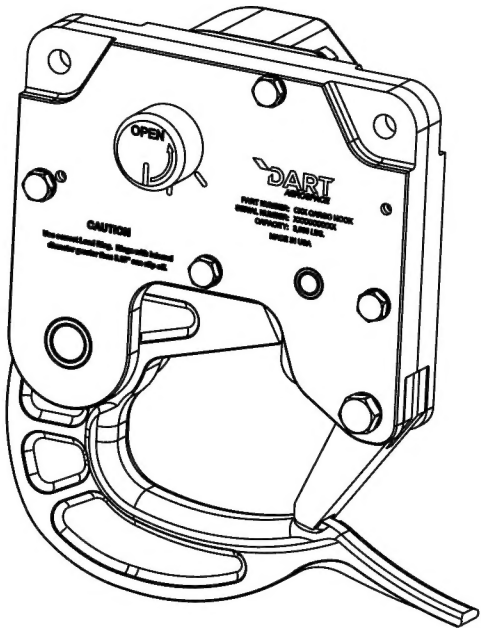
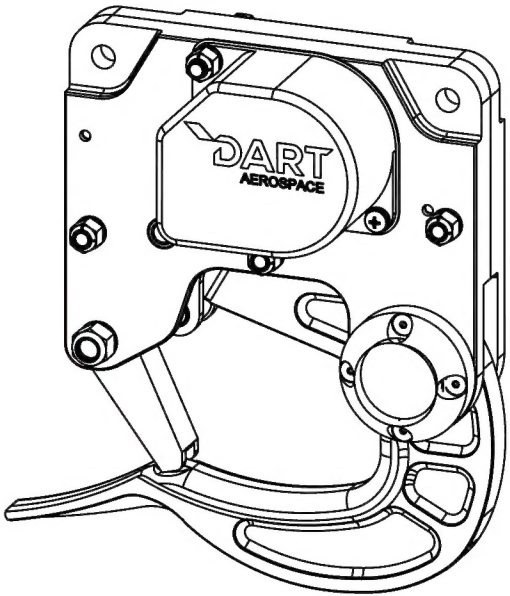


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SEE ATTACHED DEVIATION

| ASSY QTY | ASSY QTY | B/O | Part # | UNIT QTY | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|----------|-----|-------------------|----------|----------------------------|---------------------|-----------------------------------------------|-----|
| | | | C2-1-1 | 1 | MANUAL RELEASE KNOB | 6061-T6 | | 2 |
| | | B/O | C2-3-1 | 2 | BEARING DU | BRONZE | {KAMAN #06DU04} | 3 |
| | | | C2-3-2 | 1 | LATCH ROLLER PIN | 4340 | | 3 |
| | | B/O | C2-3-2-1 | 2 | RETAING RING | STEEL | Ø5/16 {KAMAN #1400-0031} | 3 |
| | | | C2-3-3 | 1 | LATCH ROLLER | 4140/4142 | | 3 |
| | | | C2-3-3-1 | 1 | LATCH ROLLER DU BEARING | BRONZE | | 3 |
| | | B/O | C2-3-5 | 2 | SPACER | NYLON | {MCMaster-CARR #95606A140} | 3 |
| | | | C2-3-6 | 1 | LATCH | SS 17-4PH | | 3 |
| | | | C2-3-8 | 2 | ACTUATOR BUSHING | SINTERED BRONZE | Ø3/4 X 5/8 {KAMAN #SS-1824-20} MODIFIED | 3 |
| | | | C2-3-10 | 1 | LATCH SHAFT | 4140/4142 | | 3 |
| | | | C2-3-11 | 1 | ACTUATOR | SS 17-4PH | | 3 |
| | | B/O | C2-5-1 | 1 | ACTUATOR STOP, DOWEL | STEEL | Ø3/16 X 7/8 {MCMaster-CARR #90145A509} | 2 |
| | | B/O | C2-10-1 | 1 | SPRING PIN | S.S. | Ø1/8 X 7/8 {MCMaster-CARR #92373A182} | 2 |
| | | B/O | C2-11-2 | 2 | LOCATING PIN | S.S. | Ø3/16 X 1 {MCMaster-CARR #90145A510} | 2 |
| | | B/O | C2-14-2 | 2 | LABEL RIVETS Δ | 18-8 S.S. | NO 4 {MCMaster-CARR #91654A106} | N/S |
| | | | C3-2-1 | 1 | SIDE PLATE | 6061-T6 | | 2 |
| | | | C3-3-4 | 2 | LINK PIN | DRILL ROD | | 3 |
| | | B/O | C3-3-4-1 | 4 | RETAINING RING | STEEL | Ø1/8 {KAMAN #5100-0012SPP} | 3 |
| | | | C3-3-7 | 1 | LINK | 01 | | 3 |
| | | B/O | C3-3-9 | 1 | ACTUATOR SPRING | SS 304 WIRE | Ø.047 X 8 DENDOFF | 3 |
| | | | C3-4-1 | 2 | LOAD BEAM BUSHING | AL-BRONZE | | 2 |
| | | | C3-4-4A | 1 | LOAD BEAM ASEMBLY | | | 2 |
| | | | C3-7-1 | 1 | LOAD BEAM BUMPER | POLYURETHANE | | 2 |
| | | | C3-7-2 | 2 | LOCK BUMPER | POLYURETHANE | | 2 |
| | | | C3-8-2 | 1 | SOLENOID ASSEMBLY | | | 2 |
| | | | C3-8-4 | 1 | SOLENOID COVER GASKET | GASKET PAPER | | 2 |
| | | | C3-8-5 | 1 | SOLENOID COVER | 6061-T6 | | 2 |
| | | | C3-9-1 | 1 | CLOCK SPRING COVER | 6061-T6 | | 2 |
| | | B/O | C3-9-2 | 1 | CLOCK SPRING | SS 301 | DENDOFF | 2 |
| | | | C3-10-2 | 1 | LOCK SPRING | S.S. | | 3 |
| | | | C3-11-1 | 1 | SIDE PLATE-SOLENOID SIDE | 6061-T6 | | 2 |
| | | | C3-12-1 | 2 | LOCK BUSHING | 4140/4142 | | 3 |
| | | | C3-12-2 | 1 | LOCK SHAFT | 4140/4142 | | 3 |
| | | | C3-12-3 | 1 | LOCK | 4140/4142 | | 3 |
| | | | C3-12-4 | 1 | LOCK ROLLER | 4140/4142 | | 3 |
| | | | C3-12-5 | 1 | LOCK ROLLER PIN | 4140/4142 | | 3 |
| | | B/O | C3-12-6 | 2 | LOCK ROLLER RETAINING RING | STEEL | Ø 3/8 {KAMAN #5100-0037-SPP} | 3 |
| | | B/O | C3-13-1 | 2 | KEEPER DU-BEARING BUSHING | BRONZE | {KAMAN #06FDU04} | 2 |
| | | | C3-13-4 | 1 | KEEPER | 4140/4142 | | 2 |
| | | B/O | C3-13-5 | 1 | KEEPER SPRING | 303 S.S. | DENDOFF | 2 |
| | | B/O | CORD GRIP | 1 | CORD GRIP | BRASS | M8-x 1.25 {MCMaster-CARR #8183K6} | 2 |
| | | B/O | EL-PLUG-M | 1 | MALE PLUG | PE High Density | {MCMaster-CARR #7216K5} | 2 |
| | | B/O | M27500-16TG2T14 | 1 | WIRE | 16 GA SHIELDED WIRE | 1 FOOT {AIRCRAFT SPRUCE MIL-C-27500 11-14416} | 2 |
| | | | 600.1309 | 1 | LABEL Δ | ALUMINUM | | N/S |
| | | | 600.1309-A | 1 | LABEL Δ | ALUMINUM | | N/S |
| | | B/O | 600.1313 | 1 | CAUTION STICKER Δ | VINYL | {SIGNS NOW} | N/S |
| | | B/O | 188-FSCS-832-5/8 | 4 | CLOCK SPRING COVER SCREW | S.S. | 8-32 X 5/8 {MCMaster-CARR #92210A196} | 2 |
| | | B/O | 188-FPSS-1032-1/4 | 2 | SET SCREW | S.S. | 10-32 X 1/4 {MCMaster-CARR #94355A330} | 2 |
| | | B/O | AN4-16A | 3 | SCREW | STEEL | 1/4-28 X 1-7/8 | 2 |
| | | B/O | AN4-17A | 1 | SCREW | STEEL | 1/4-28 X 1-29/32 | 2 |
| | | B/O | AN6-15A | 1 | KEEPER SHAFT BOLT | STEEL | 3/8-24 X 1.703 | 2 |
| | | B/O | AN960-10 | 1 | WASHER | WASHER | #10 | 2 |
| | | B/O | AN960-10L | 2 | WASHER | STEEL | #10 | 2 |
| | | B/O | AN960-416 | 8 | WASHER | STEEL | Ø1/4 | 2 |
| | | B/O | AN960-616L | 2 | KEEPER WASHER, LOW PROFILE | STEEL | Ø3/8 | 2 |
| | | B/O | MS21044N4 | 4 | LOCKNUT | STEEL | 1/4-28 | 2 |
| | | B/O | MS21083N3 | 2 | SELF-LOCKING NUT | STEEL | #10-32 | 2 |
| | | B/O | MS21083N6 | 1 | KEEPER NUT | STEEL | 3/8-24 | 2 |
| | | B/O | MS35266-63 | 1 | SOLENOID COVER SCREW | S.S. | #10-32 X 7/8 | 2 |
| | | B/O | 32446 | 2 | 22-16 AWG KNIFE CONNECTOR | | {ALLIED ELECTRONICS 32446} | 2 |
| | | B/O | | 1 | HEAT SHRINK TUBE | RUBBER | {MCMaster-CARR #2595K22} | N/S |

| REVISIONS | | | | | |
|-----------|---------|-------------------------------------------------------------------------------------------------------------|------------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | 14-0200 | UPDATED TO NEW DRAFTING STANDARDS. CH'D P/N'S TO AN & MS NUMBERS. | 10/29/2014 | DPD | JAG |
| 2 | 15-0248 | C2-1-2 REPLACED W/ 188-FPSS-1032-1/4. C3-9-3 REPLACED W/ 188-FSCS-832-5/8. ADDED ENGRAVING NOTES & DETAILS. | 8/27/2015 | DPD | JAG |

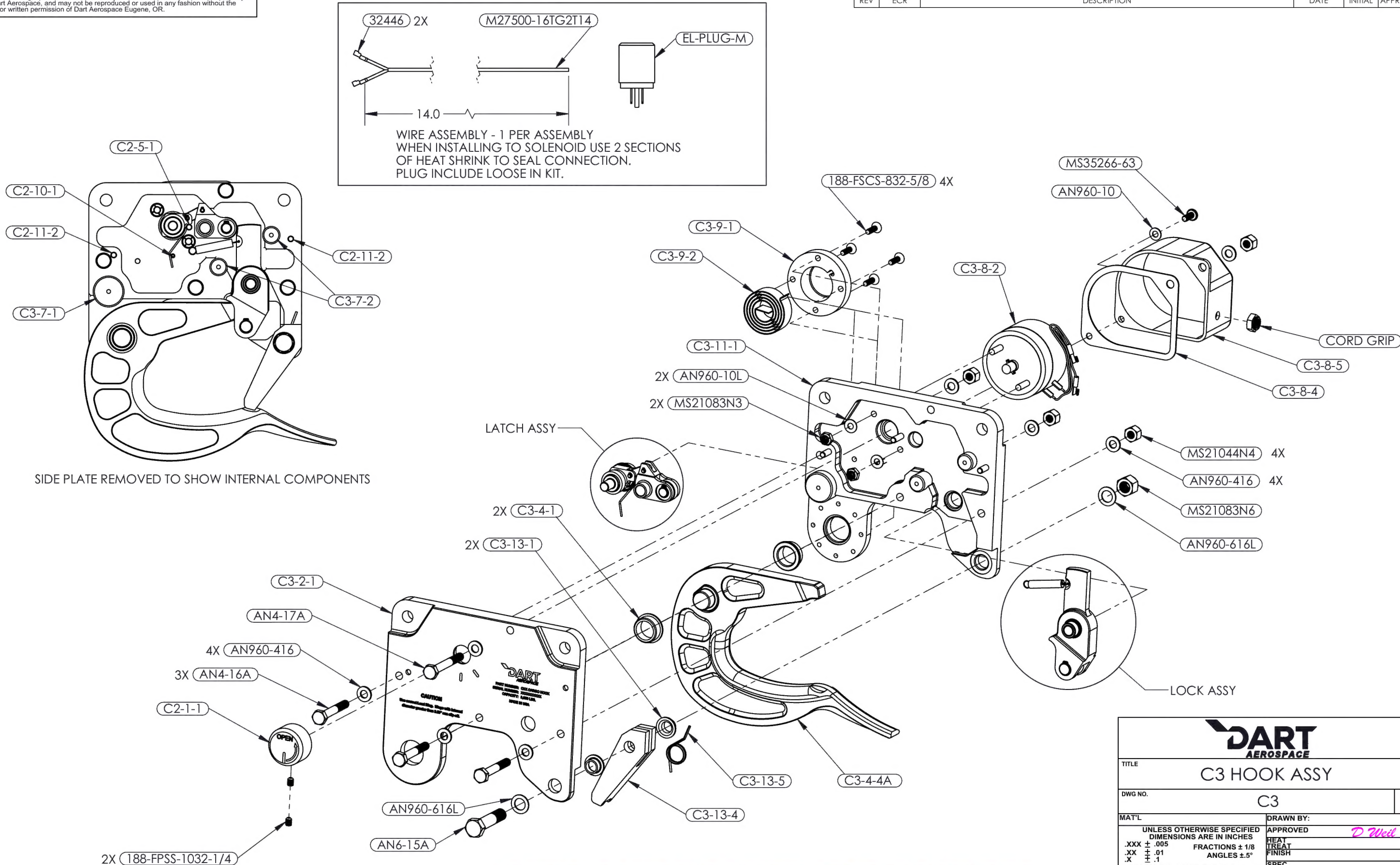


NOTE:
1 Δ FOR REBUILD ONLY.
2 Δ FOR CUSTOMER REBUILD ONLY.


| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| | |
| TITLE C3 HOOK ASSY | |
| DWG NO. C3 | REV 2 |
| MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | DRAWN BY: APPROVED TREAT FINISH SPEC USED ON MODEL |
| SCALE 1:3 | DATE SHEET 1 OF 3 |

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| REVISIONS | | | DESCRIPTION | DATE | INITIAL | APPROVED |
|-----------|-----|--|-------------|------|---------|----------|
| REV | ECR | | | | | |



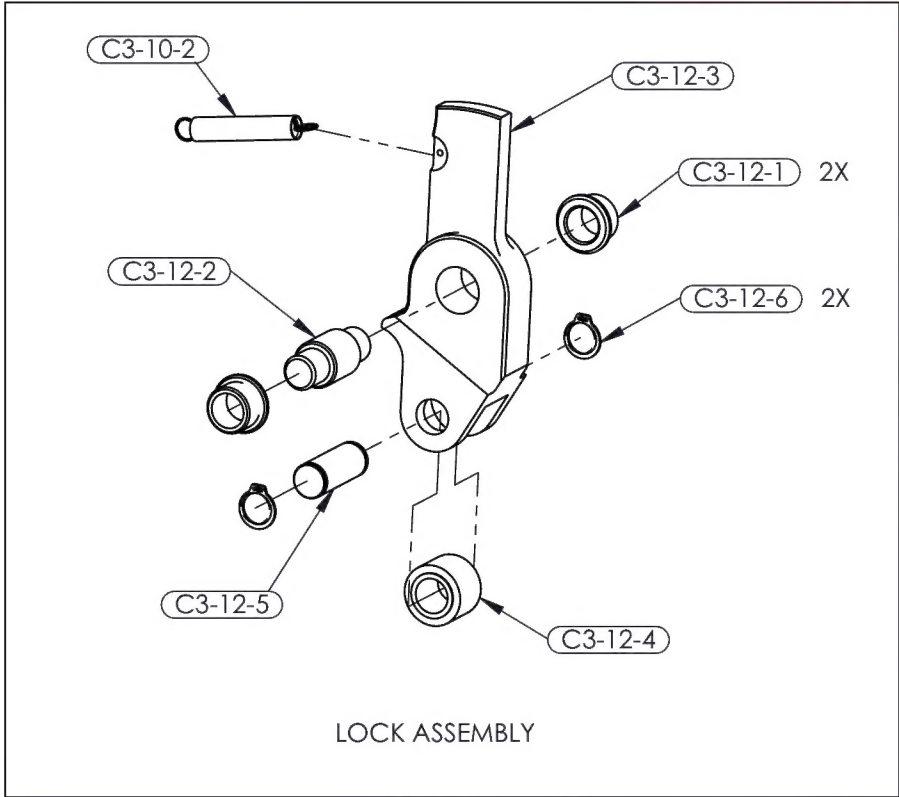
SEE ATTACHED DEVIATION

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------|
|  | | |
| TITLE C3 HOOK ASSY | | |
| DWG NO. C3 | REV 2 | |
| MAT'L | DRAWN BY: APPROVED <i>D Well</i> HEAT TREAT FINISH SPEC USED ON MODEL | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 | | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | |
| SCALE 1:3 | DATE | SHEET 2 OF 3 |

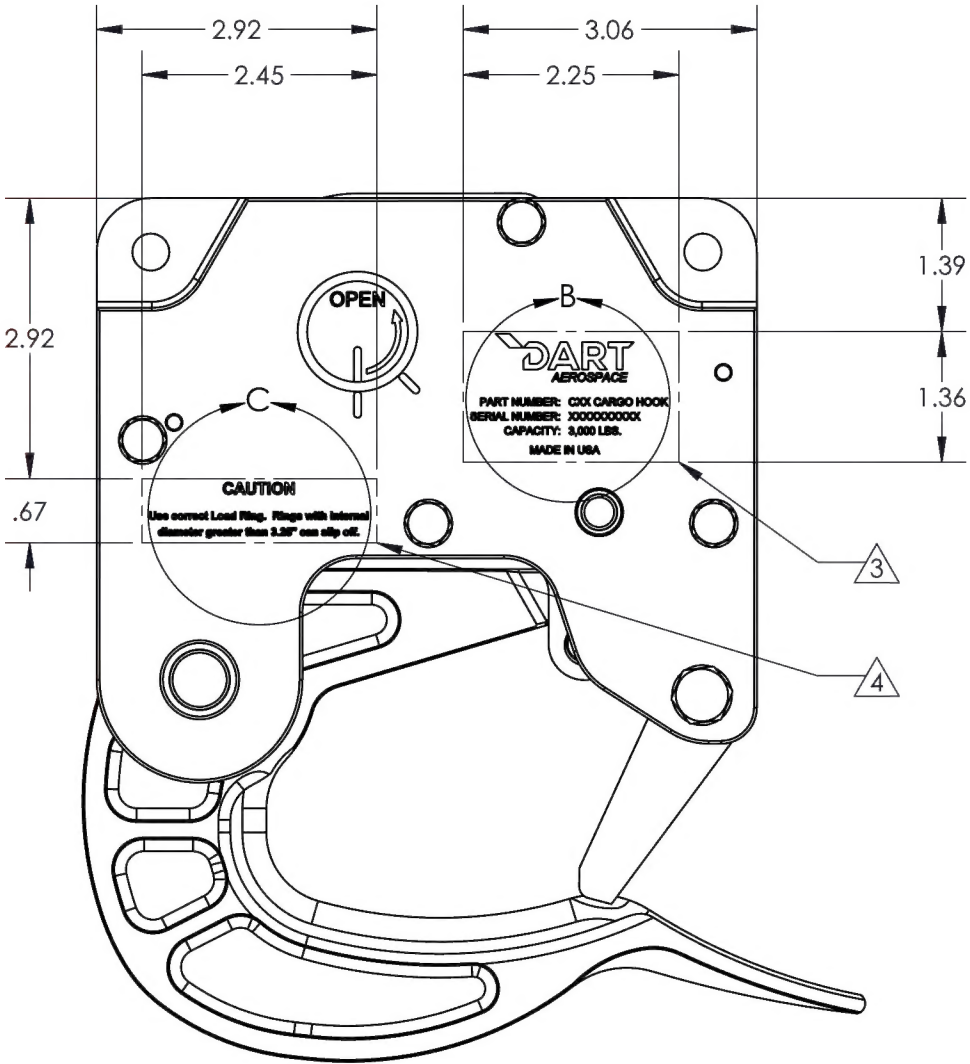
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SEE ATTACHED DEVIATION

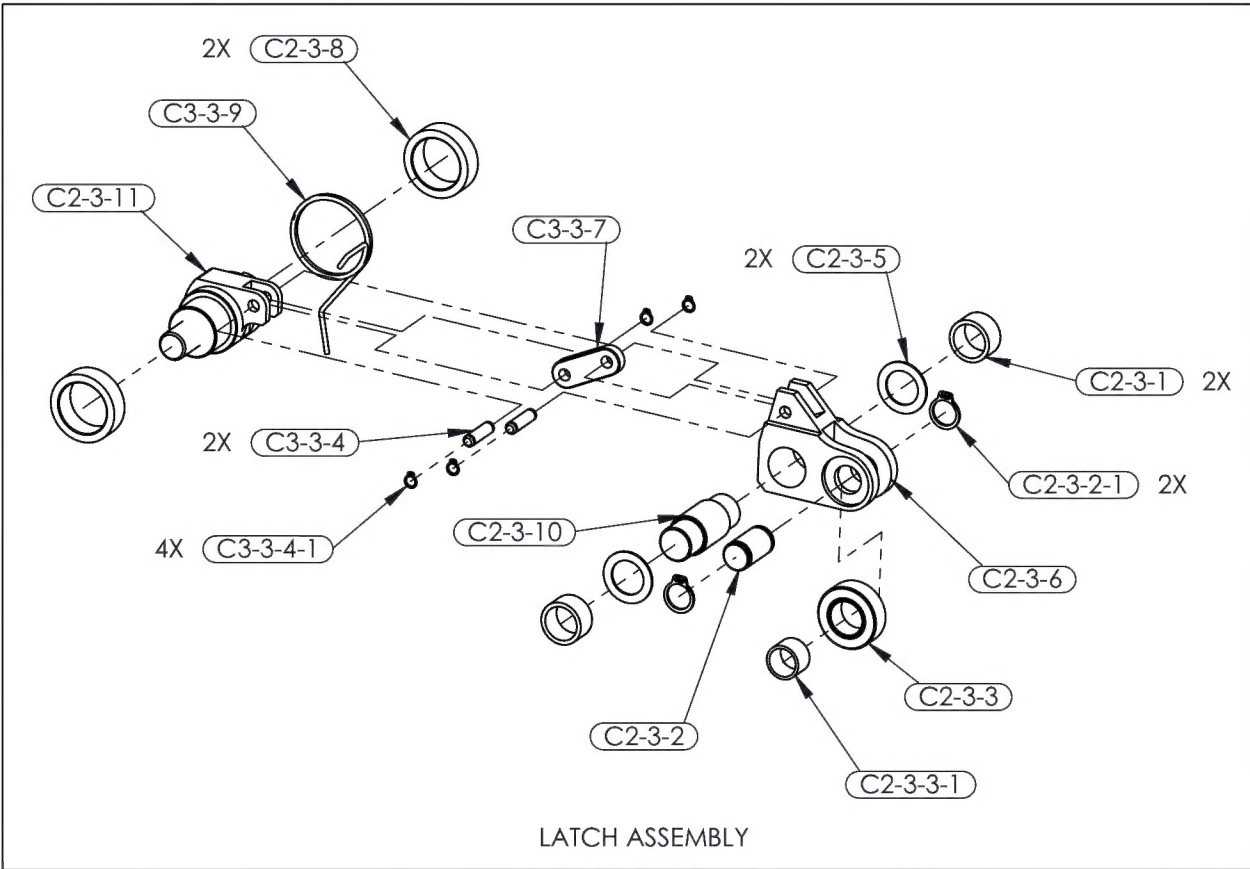
| REVISIONS | | | | | |
|-----------|---------|----------------------------------|-----------|---------|----------|
| REV | ECR | DESCRIPTION | DATE | INITIAL | APPROVED |
| 2 | 15-0248 | ADDED ENGRAVING NOTES & DETAILS. | 8/27/2015 | DPD | JAG |



DETAIL B
SCALE 1 : 1



- NOTES:
- 3 LASER ENGRAVE DART LOGO, P/N, S/N, "MADE IN USA," WITHIN BOUNDARY.
 - 4 LASER ENGRAVE CAUTION NOTE WITHIN BOUNDARY.



DETAIL C
SCALE 1 : 1

| DART AEROSPACE | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------|--------------|
| TITLE C3 HOOK ASSY | | | |
| DWG NO. C3 | | | REV 2 |
| MATERIAL UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | DRAWN BY: APPROVED TREAT FINISH SPEC USED ON MODEL | |
| SCALE 1:2 | DATE | | SHEET 3 OF 3 |

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

| | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------|--|
| Job: _____ Part No. <u>C series hooks and SWA Swivels</u> | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> | DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> </div> <div> Eng. (Non-AW) <input checked="" type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/> </div> </div> | | | |
| Date : | Sequence #: | QTY Affected : | | MRB (QS1042) May, 9 2019 <i>M. Lee</i> | |
| Description Work Order Deviation | | Disposition | | Completed By | |
| The electrical wires listed under "Acceptable Alternate Wire" on the attached sheet are acceptable to use in place of the "Drawing Specified Wire" | | This deviation is acceptable. No change to fit form or function. The job route must specify the wire that is called out on the drawing The inventory P/N must reflect the same P/N that was received from a vendor | | Lead hand / Supervisor | |
| | | | | QC / QA Coordinator | |
| | | | | | |
| Root Cause | | FAULT CATEGORY | | | |
| <div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input checked="" type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> | | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread </div> </div> | | | |
| | | | | | |

| P/N | Revision | Drawing Specified Wire | Acceptable Alternate Wire |
|----------|----------|-----------------------------------------|-----------------------------------------|
| C2 | 2 | MIL-C-27500 11-14416 | N/A |
| C3 | 2 | MIL-C-27500 11-14417 | N/A |
| C10 | 3 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| C15 | 2 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| C20 | C | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| C45 | C | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| C60 | C | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| C250 | C | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| SWA3-2 | 3 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| SWA3-3 | 3 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| SWA3-4 | 3 | EL 414-ARTIC 4/14 | Texcan 01121-744A5 |
| SWA6A-2 | E | Texcan 01121-724AM | N/A |
| SWA6A-3 | E | Texcan 01121-734A5 or 01004-08-047 | N/A |
| SWA6A-4 | E | Texcan 01121-744A5 | N/A |
| SWA6A-6 | E | Texcan 04121-764A5 | N/A |
| SWA6A-8 | E | Texcan 12701-08-014 or McMaster 7081K38 | N/A |
| SWA10A-2 | 3 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| SWA10A-3 | 3 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| SWA10A-4 | 3 | EL 414 ARTIC 4/14 | Texcan 01121-744A5 |
| SWA10A-6 | 3 | EL 616 ARTIC | Texcan 04121-764A5 |
| SWA10A-8 | 3 | Polar Wire 30806 | Texcan 12701-08-014 or McMaster 7081K38 |
| SWA15A-2 | 1 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| SWA15A-3 | 1 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| SWA15A-4 | 1 | EL 414 ARTIC 4/14 | Texcan 01121-744A5 |
| SWA15A-6 | 1 | EL 616 ARTIC | Texcan 04121-764A5 |
| SWA15A-8 | 1 | EL 816 ARTIC | Texcan 12701-08-014 or McMaster 7081K38 |
| SAW25A-2 | 1 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| SAW25A-3 | 1 | 3/14 SJTOW | Texcan 01121-734A5 or 01004-08-047 |
| SAW25A-4 | 1 | EL 414 ARTIC 4/14 | Texcan 01121-744A5 |
| SAW25A-6 | 1 | EL 616 ARTIC | Texcan 04121-764A5 |
| SAW25A-8 | 1 | EL 816 ARTIC | Texcan 12701-08-014 or McMaster 7081K38 |